

MxQuant kit

Explore the small molecules shaping core metabolism

biocrates.com



Mass spectrometry-based metabolomics kit



Decipher
chronic disease



Core
metabolism



Quantitative &
standardized



Easy and
ready-to-use

Revolutionizing metabolomics

The MxQuant kit delivers a broad spectrum of small molecules for quantitative metabolomics deciphering microbiome-host interactions and core metabolism.



Instant insights

- ▶ Quantification of up to 620 biomarkers
- ▶ Unlocking human and microbial metabolism with small molecules



Standardization and efficiency

- ▶ Automated metabolite quantification by AI-driven peak annotation and integration
- ▶ Hundreds of internal standards and calibrators for high analytical precision



Coverage

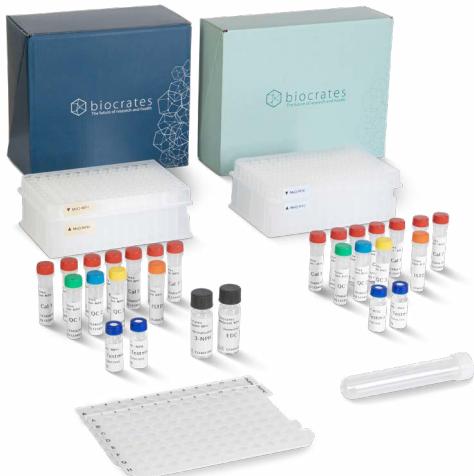
- ▶ 327 metabolites from 24 biochemical classes
- ▶ 293 relevant metabolite sums and ratios

Sample volume

- ▶ 30 µL of plasma, urine, etc.
- ▶ 200 mg of feces (wet weight)

Throughput

- ▶ 17 min run time per sample
- ▶ 240 samples/week/instrument



Kit components

- ▶ Patented 96-well plate configuration
- ▶ Stable isotope-labeled internal standards
- ▶ Calibration standards and quality controls
- ▶ System suitability test mixes
- ▶ Instrument-specific methods for triple quadrupole mass spectrometers
- ▶ Quick-start guide and user manual

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Read more



biocrates' standardized
metabolomics technology

Get more information on how to generate
reproducible metabolomics data

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